



Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

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PRELIMINARY ISSUE

652.7724
Job Sheet 216676

Accounting Job RD CAD A109 EFS



POSITIVE RECALL
DEC 17 2020
EFFECTIVE DAS 21
RELEASED 55 DATE 9-89
9-89 DEC 21 2020
Priority: Medium

Part No: 652.7724

Job Qty: 140 pcs

Part Name: Delrin .038 Groove



Part Weight: 0 lbs

Status: New

Job Created: 12/17/20

Job Tracking No:

Due Date: 12/18/20

Created By: Marie Lajeunesse

Type: R+D

Description:

Note: 652.7700 REV.PR11 IPP REV:A 20.12.16 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Run Hrs Hrs	Workcenter/Supplier Workcenter / Supplier Lead Time	Sign-off
100	SL-154 - 1	140 pcs	12/18/20	12/18/20	0.50 4.00	SL-154 - 1	JB 20-12-17
110	QC 2	140 pcs	12/18/20	12/18/20	0.00 0.00	QC 2 - SCH-B	JB 20-12-17
120	QC 8	140 pcs	12/18/20	12/18/20	0.00 0.00	QC 8 - SCH-B	DAS 20-12-17
130	Packaging 3-1 - Stock - B4B	140 pcs	12/18/20	12/18/20	0.00 0.00	Packaging 3 - 1 - B4B	DAS 20-12-17
140	QC 21 - SA	140 pcs	12/18/20	12/18/20	0.00 0.00	QC 21 - SA - SCH-B	9-89 DEC 17 2020

Part Op 100 - 1-Machine as per folio FD434 FOLIO REV: AA DWG REV: PR11 2-Deburr
 Descriptions: 110 - (QC2- Inspect parts off machine FAI/FAIB)
 120 - (QC8- Inspect parts - second check)
 130 - Identify as per dwg & Stock
 140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MDELRINR0.750	Delrin Round Bar 0.75" Color: Black	2.1000 ft (.015 ea)	100-SL-154 - 1	S306076

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-SL-154 - 1	MDELRINR0.750 R1.000	2	51	0

Part Specifications

Specifications could not be found.

POSITIVE
RECALL

DAS
62
9-89
DAS
62
9-89

DART
AEROSPACE

1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S322495



Part: 652.7724

Job No: 216676

Serial No/Batch: S322495

Revision: REV.PR11

Inspector:

Exp Date:

Instructions:

Date: 12/17/20

Plex 12/17/20 8:51 AM Dart.lajeunesse.marie

1 2 3 4 5 6 7 8

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NOTES:

- 1 MATERIAL: 3K 2X2 TWILL CARBON FIBER PREPREG, AXIOM AX-5112T
2. MANUFACTURE IAW MPP-145
- 3 MATERIAL: #120 E-GLASS EPOXY PREPREG WITH 48% RC;
- 4 USE 0.1190" REAMER
- 5 MATERIAL: PN: 600.0074, 1/16" GAROLITE G10 F4 IAW MIL-I-24768/27, UL 94V0
- 6 MATERIAL: DELRIN II 150E BAR STOCK, ASTM D6778POM 0211

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE RELEASE: PRX		
N/C	INITIAL RELEASE		

PR11

PR11

PROTOTYPE REVISIONS							
ZONE	REV.	DESCRIPTION	DATE	APPROVED	EFFECTIVITY	REASON CODE	REVISOR
	PR1	INITIAL PROTOTYPE RELEASE	07-24-19	P. BRAVO			
S1:C2-A7 S2	PR2	UPDATED WASHER DIMENSIONS. ADDED 12" PANEL	09-06-19	J. GARDINER	CURRENT ORDER	MDI	T. ARANDA
S1:D3	PR3	UPDATED WASHER DIMENSIONS	10-02-19	J. GARDINER	CURRENT ORDER	MDI	T. ARANDA
S1:C2-A7 S2	PR4	ADDED 652.7711, UPDATED 652.7710	01-06-20	Z. MUTTER	CURRENT ORDER	MDI	T. ARANDA
S1:D3-B4 S2:D3 S3:D6	PR5	UPDATED LAMINATE SCHEDULE FOR ALL PARTS. ADDED ID DIMENSION TO WASHERS ADDED SHEETS 2 AND 4	01-09-20	J. GARDINER	CURRENT ORDER	MDI	T. ARANDA
ALL	PR6	ADDED 652.7713 UPDATED DRAWING LAYOUT REVISED DELTA NOTES	04-13-20	Z. MUTTER	CURRENT ORDER	MDI	N. RIEMENSCHNEIDER
S4:A1	PR7	REVISED DIMENSIONS OF .7713	9-24-20	Z. MUTTER	CURRENT ORDER	T	A. FLORES
S5 S6 S7 S8 S9	PR8	ADDED 652.7714, 652.7715, 652.7716, 652.7717. ADDED DART PN TO GAROLITE MATERIAL	11-4-20	Z. MUTTER	CURRENT ORDER	MDI	N. RIEMENSCHNEIDER
S10 S11	PR9	ADDED 652.7718, 652.7719, 652.7721	11-10-20	Z. MUTTER	CURRENT ORDER	MDI	N. RIEMENSCHNEIDER
BOM SHT4-11 SHT 12	PR10	INCORPORATED NEW P/N 652.7722 INTO BOM. DELETED DUPLICATE DIM FOR OD	11-18-20	Z. MUTTER	CURRENT ORDER	MDI	E. CAHILL
BOM, NOTES SHT14-15	PR11	ADDED VIEWS FOR 652.7722 ADDED NEW P/N'S 652.7723 & 652.7724. ADDED DELTA NOTE 6	12-14-20	A. QUAN	CURRENT ORDER	MDI	E. CAHILL

14	652.7724	DELFIN .038 GROOVE	△	ASTM D6778POM 0211
13	652.7723	DELFIN .034 GROOVE	△	ASTM D6778POM 0211
12	652.7722	G10 .160 NOTCHED AND SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
11	652.7721	G10 .125 NOTCHED AND SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
10	652.7719	G10 .110 NOTCHED AND SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
9	652.7718	G10 .115 NOTCHED AND SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
8	652.7717	G10 .092 SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
7	652.7716	G10 .085 SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
6	652.7715	G10 .150 NOTCHED AND SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
5	652.7714	G10 .140 NOTCHED AND SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
4	652.7713	G10 SLOTTED FLOAT COVER WASHER	△	MIL-I- 24768/27, UL 94V0
3	652.7711	SLOTTED FLOAT COVER WASHER	△△	
2	652.7720	12" PANEL	△△	
1	652.7710	FLOAT COVER WASHER	△△	
FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY	PARTS LIST		
NEXT ASSY (S)	ORIGINAL DATE 07-24-19		
652.2300	DRAWN BY 1. BEAUREAU		
652.2400	CHECKED P. BRAVO		
	DRAWING APPROVAL		
	DATE 09-24-19		
	CONTRACT NO.		
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		
SRE	CAGE CODE	DWG. NO.	REV.
B	07M26	652.7700	PR11
SCALE	NONE	SHEET	1 OF 15

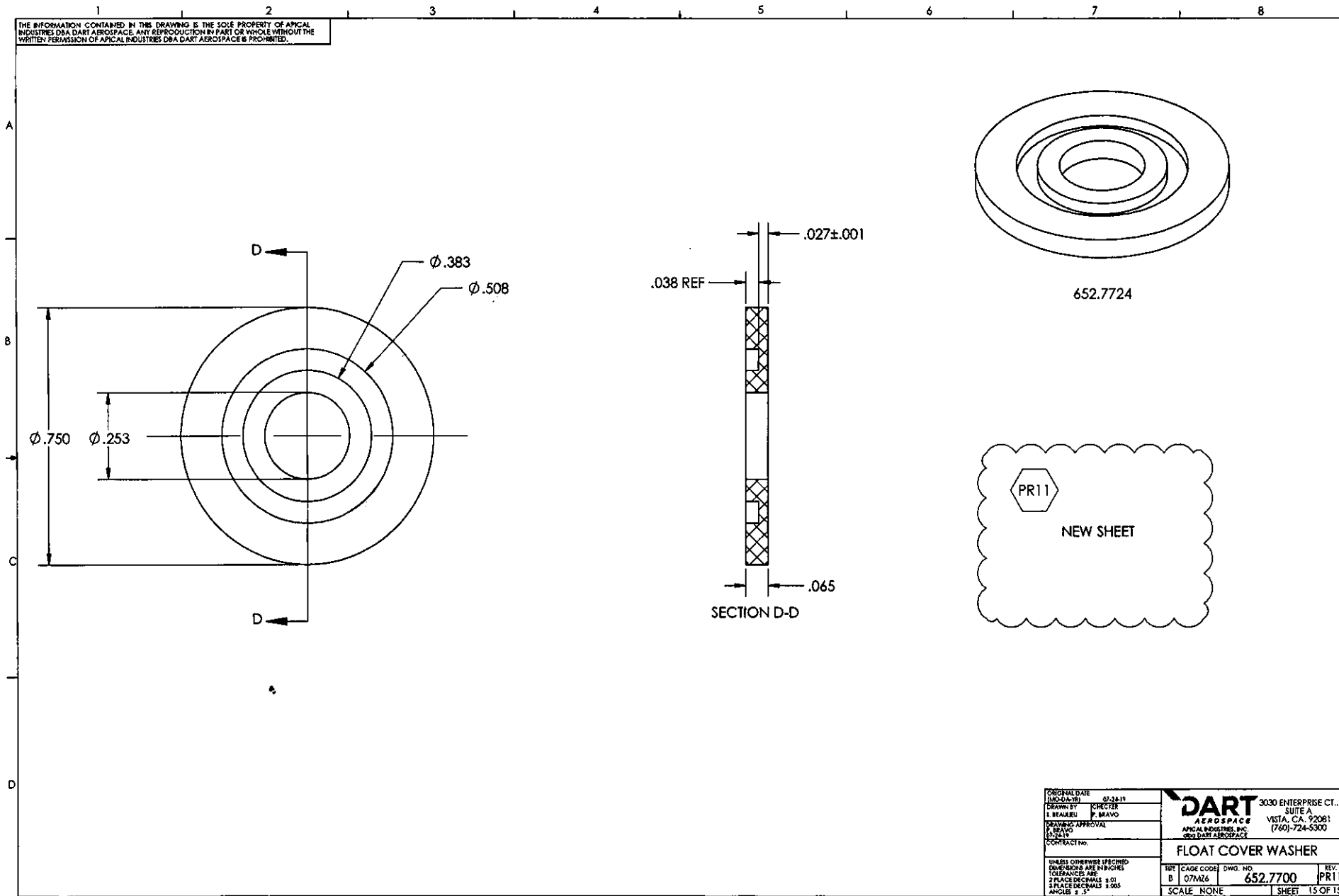
DART 3030 ENTERPRISE CT.,
SUITE A
VISTA, CA 92081
(760)-724-5300

APICAL INDUSTRIES INC.
DBA DART AEROSPACE

FLOAT COVER WASHER

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 216106
6012-17

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ORIGINAL DATE 02-24-11	3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300
DRAWN BY K. BEAVER	DART AEROSPACE
CHECKED BY P. BRAY	APICAL INDUSTRIES, INC. DBA DART AEROSPACE
DESIGNED BY K. BEAVER	
CONTRACT NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS .001 2 PLACE DECIMALS .005 ANGLES .5°	
SHEET B	CAGE CODE 07M26
DWG. NO. 652.7700	REV. PR11
SCALE NONE	SHEET 15 OF 15

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details: _____					